



MONTGOMERY COUNTY FIRE AND RESCUE SERVICE  
DRIVER/OPERATOR TRAINING PROGRAM

**APPARATUS TRAINING COMPETENCIES  
INCUMBENT DRIVER CERTIFICATION**

Trainee Name:

ID#:

Date:

Station/Shift or Dept:

Trainer Name:

Station OIC Name:

**Select the Check-out being conducted below:**

(See FRC P&P 23-07AMI for Requirements)

☐ **Familiarization Check-out** (Does not apply for Pierce All Steer Towers)

☐ **Performance Operational Check-out** (Complete Sections 1 thru 14)

Unit ID: AT708      Stock #: 02-2374      Make: Pierce      Year: 2002

Trainee Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Trainer Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Station OIC Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**Competencies**

Section	Competency	Trainer Signature	Date
<b>1.0</b>	<b>Vehicle Inspection and Driving Preparation (NFPA 1002)</b>		
1.1	Trainee will explain how to perform a complete emergency vehicle inspection, make minor adjustments, schedule routine maintenance, and complete required documentation.		
1.2	Trainee will successfully identify major motor vehicle components.		
1.3	Trainee will demonstrate and understanding of how to perform routine maintenance.		
1.4	Trainee will successfully explain safety checks and adjustment that should be made to prepare for emergency vehicle driving.		



## Apparatus Training Competencies

Trainee Name:

Unit ID: AT708 Stock #: 00-2374

Section	Competency	Trainer Signature	Date
1.5	Trainee will demonstrate proficiency in how to start the vehicle. (Perform Gauge Sweep)		
1.6	Trainee will successfully explain precautions to take before moving the vehicle.		
1.7	Trainee will successfully conduct an inspection at the station using the inspection checklist.		
1.8	Trainee will explain the apparatus and equipment defect reporting procedure for assigned station.		
1.9	Trainee will identify the vehicle height, weight, length and width of the vehicle.		
<b>2.0</b>	<b>Overhead Door Operation</b>		
2.1	The trainee will demonstrate knowledge of how the overhead doors at Station 8 operate.		
2.2	Explain the use of the overhead pull cords, the meaning of the door light signals, and the door timer delay.		
2.3	Explain the use of the remote control for the overhead doors.		
2.4	Explain the use of the traffic light controller.		
<b>3.0</b>	<b>Fueling Procedures</b>		
3.1	The trainee will demonstrate knowledge of the proper procedure for fueling the unit at Station 8.		
3.2	The trainee will demonstrate knowledge of the proper fueling procedure at a County Fuel Depot.		
3.3	The trainee will demonstrate knowledge a minimum of three County Fuel Depots located above Rockville in the County.		
<b>4.0</b>	<b>Driving Proficiency</b>		
4.1	The trainee will successfully complete the cone course competencies.		
4.2	Candidate will demonstrate proficiency in "All Steer" feature on Tower 8.		
	a. All steer coordinated mode.		
	b. Conventional front lock out mode.		
	c. Fireground coordinated & crab modes.		
4.3	Candidate must complete four hours of parking lot driving prior to road driving.		



## Apparatus Training Competencies

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Section	Competency	Trainer Signature	Date
4.4	Candidate will demonstrate proficiency in the completion of the serpentine exercise.		
4.5	Candidate will demonstrate proficiency in the completion of the alley dock exercise.		
4.6	Candidate will demonstrate proficiency in the completion of the turn around exercise.		
4.7	Candidate will demonstrate proficiency in the completion of the diminishing clearance exercise		
<b>5.0</b>	<b>Road Driving</b>		
5.1	Candidate will successfully complete 8 hours of driving on public roads.		
<b>6.0</b>	<b>Platform Operations</b>		
6.1	Demonstrate proper set-up procedure for platform operations.		
	a. Identify all controls		
	b. Proper Stabilizer deployment		
	c. Level the tower without leveling assist		
	d. Identify all "Safety Warning" labels and decals.		
	e. Transfer power to platform		
6.2	Demonstrate proper procedure for stowing aerial platform.		
6.3	Identify locations and explain the operation of manual overrides:		
	a. Emergency Stop Button		
	b. Manual stabilizer control valves		
	c. Platform manual control valves		
	d. Emergency Pump Unit		
6.4	Explain trouble shooting procedures for:		
	a. Cab E-Stop indicator light stays on		
	b. Stabilizer switches do operate the stabilizers		
	c. Aerial controls are not activating functions		
	d. Aerial will not rotate		
	e. Ladder will not lower into the boom support		
	f. Emergency Hydraulic Power Unit (EPU) not working		
	g. PTO does not engage after reset of E-Stop		



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Section	Competency	Trainer Signature	Date
	h. Operator in the platform activates the E-Stop and is unable to reset		
6.5	Identify and explain the Command Zone functions at the control pedestal		
	a. Identify and explain the Command Zone functions at the control pedestal Aerial reach screen		
	b. Aerial level screen		
	c. Hydraulic system screen		
6.6	Identify maximum weight load for bucket operations:		
	a. Waterway dry and 50MPH wind condition		
	b. Waterway charged and a 50 MPH wind condition		
6.7	Aerial Operations		
	a. Identify the aerial reach and platform payload		
	b. Identify the GPM rating for water tower operations		
6.8	Identify and explain function of pedestal controls		
	a. Emergency Stop Button		
	b. Emergency Hydraulic Power Switch		
	c. Elevation, Rotation & Extension Control Levers		
6.9	Identify and explain function of pedestal controls (continued)		
	d. Aerial Speed Switch		
	e. Intercom		
6.10	Identify and explain the function of platform controls:		
	a. Nozzle pattern control switch		
	b. Nozzle left/right control switch		
	c. Nozzle raise/lower control switch		
	d. Aerial speed switch		
	e. 120 volt receptacle		
	f. Extension, Rotation & Elevation control levers		
	g. Emergency Stop Button & Intercom		
	h. Breathing air coupling		



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	i. Perform set-up procedures for life ladder, stokes basket and rappelling bracket.		
6.11	Explain safety requirements while operating aerial platform.		
	a. Full PPE & Ladders belts		
	b. Check for Obstructions		
	c. Driver Operator positioned @ turntable		
<b>7.0</b>	<b>Ground Ladders</b>		
7.1	Trainee will be able to identify and be familiar with all ground ladders carried on the apparatus.		
<b>8.0</b>	<b>Stokes Basket Transport</b>		
8.1	The trainee will demonstrate the proper procedure for preparing the tower bucket to transport a Stoke Basket.		
8.2	The trainee will demonstrate the proper method for securing a Stokes Basket in the tower bucket for transport.		
<b>9.0</b>	<b>Apparatus Positioning, Spotting and Ladder Placement</b>		
9.1	Trainee will demonstrate proficiency in how to spot the turntable for the following:		
	a) Rescue at sides 1 and 2.		
	b) Rescue on sides 3 and 4.		
9.2	Trainee will demonstrate proficiency in how to stabilize the apparatus for the following:		
	a) Soft ground.		
	b) Even and uneven terrain.		
	c) Slopes (front to back and side to side).		
9.3	Trainee will demonstrate proficiency in where to place the Aerial Tower Bucket for the following:		
	a) Rescue at a window.		
	b) Rescue at a balcony.		
	c) Roof work.		
9.4	Trainee will successfully explain the operating limitations the ladder in inclement weather.		
	a) Icy conditions.		
	b) Wind conditions.		
<b>10.0</b>	<b>Waterway Operations</b>		



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10.1	The trainee will demonstrate proficiency setting up the tower for master stream operations.		
10.2	The trainee will demonstrate a working knowledge of the proper operating pressures for the waterway.		
10.3	The trainee will demonstrate the proper procedure for draining and storing the waterway after use.		
<b>11.0</b>	<b>Electrical Systems &amp; Components</b>		
11.1	Trainee will demonstrate proficiency in the knowledge and use of the following electrical components (as applicable):		
	Onboard Generator		
	a) Capacity		
	b) Operation		
	All Portable Generators		
	a) Capacity		
	b) Operation		
	c) Fuel		
	Flood Lights		
	Portable Lights		
	Fans		
	Electric Cord Reels		
	a) Length of Fixed Reels		
	b) Length of Portable Reels		
11.2	Trainee will demonstrate the knowledge and location of the electrical panel box.		
<b>12.0</b>	<b>Tower Breathing Air System</b>		
12.1	The trainee will demonstrate the proper procedure for placing the tower breathing air system in service.		
<b>13.0</b>	<b>Apparatus Inventory</b>		
13.1	Trainee will demonstrate knowledge of unit inventory.		

**NOTE:** When the trainee has met all requirements for certification distribute this document as follows:  
**Original:** Personnel File (HQ) or LFRD file  
**Copies:** Station Supervisor File; Employee; Battalion Chief; MCFRTA Driver Training Coordinator; Safety Section Chief